



COFFEYVILLE'S BROWNFIELDS PROGRAM

BROWNFIELDS: A CATALYST FOR A COMMUNITY-WIDE TRAILS NETWORK

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RECLAMATION AND RESTORATION OF BLIGHTED PROPERTIES



Purpose of the Brownfields Program

- Designed to address environmental issues that are preventing economic redevelopment
- Goal is to restore environmentally challenged property to productive use
- Direct funding for assessment and cleanup activities for contaminated properties, including **planned greenspace, recreational, or other nonprofit uses**



Haymarket prior to redevelopment | Lincoln, NE



Haymarket after redevelopment | Lincoln, NE

Contaminant Challenges for Kansas Communities

- Industrial buildup in the early 20th Century
- Consolidation of industries has caused many to move locations or build new facilities
- Some industries went out of business and abandoned structures



Contaminant Challenges for Kansas Communities

- Railroad industry once connected many of the growing towns in Kansas
- Old industries leave a legacy of contamination



Coffeyville Experience

- Community History of Industry and Growth
 - Oil and gas refining
 - Metals Smelting and Fabrication
 - Bricks
 - Sherwin Williams
 - Rail Industry



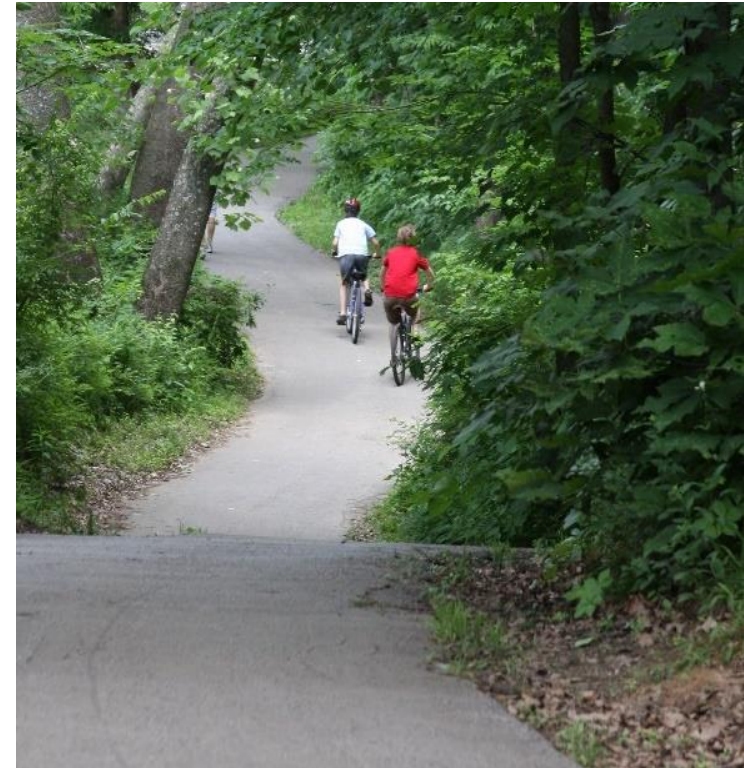
Coffeyville Experience

- Community Vision
 - Recreation
 - Revitalize Coffeyville
 - Connection to neighborhoods, schools, commerce



Trails

- Trails provide community use of formerly contaminated sites to provide access to new green spaces
 - Community – connecting neighbors and businesses
 - Vitality – brings people outside and into the community
 - Recreation and diversion
 - Greenspace from un-used space



WEST COFFEYVILLE TRAIL MASTER PLAN

LEGEND

PROPOSED TRAIL



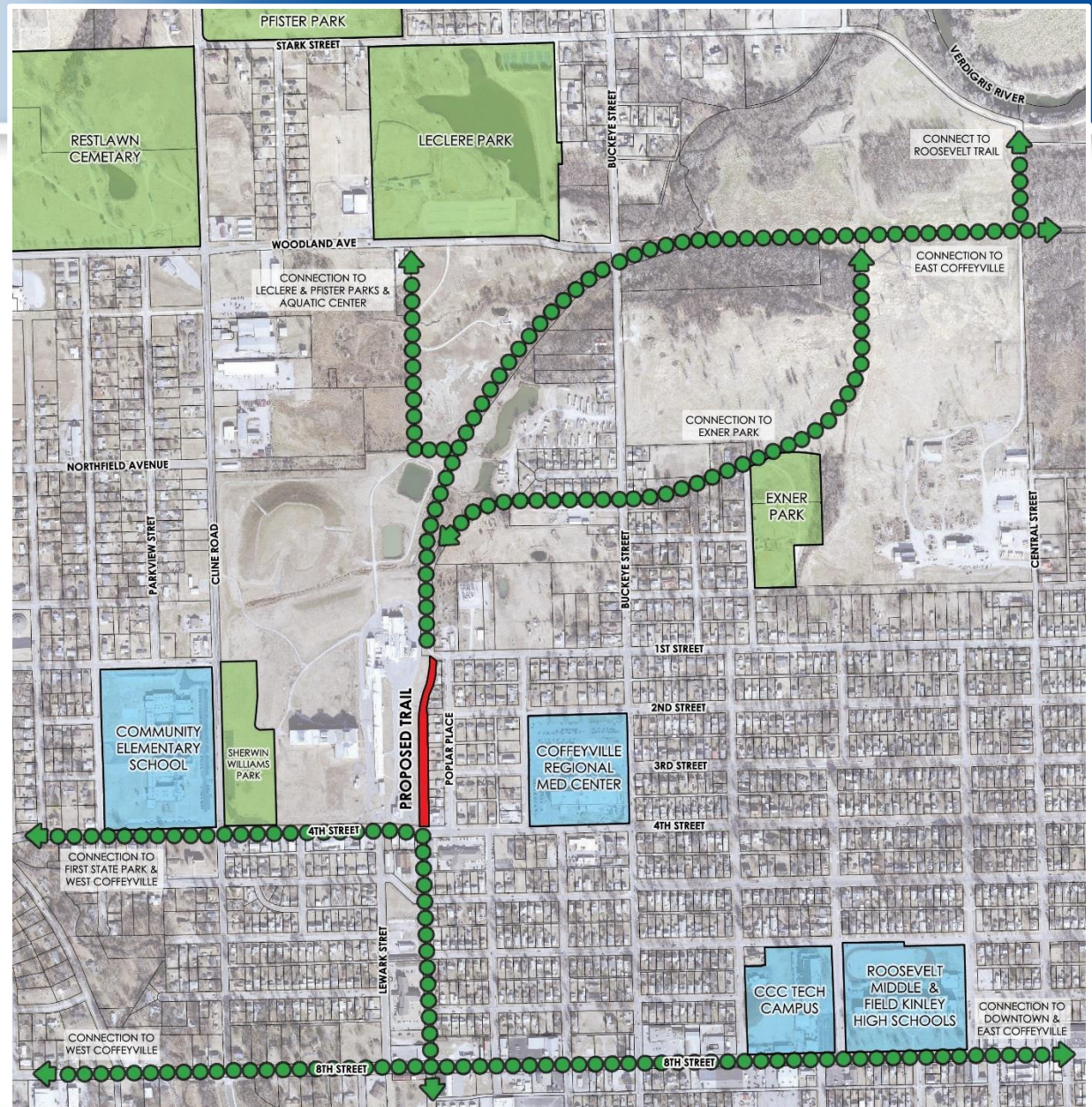
EXISTING PUBLIC
FACILITY



EXISTING PARK

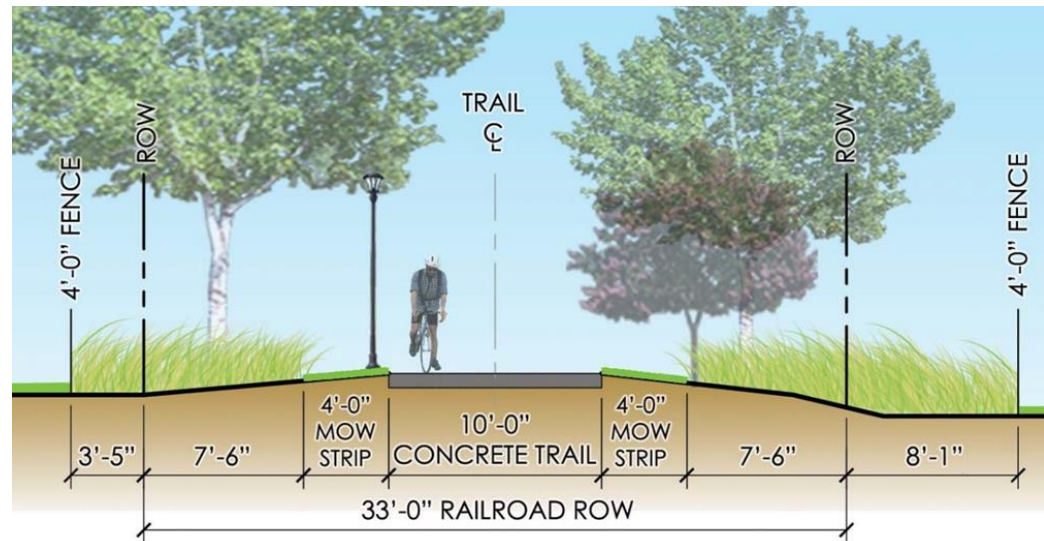


FUTURE TRAIL
ROUTES



Coffeyville Brownfields Clean-Up Grant

- Permanent cover of contaminants
- ***End goal:*** Convert property into a useful community amenity
- First step in long-range development of a community-wide trail plan



Contaminant Issues Along Proposed Trails

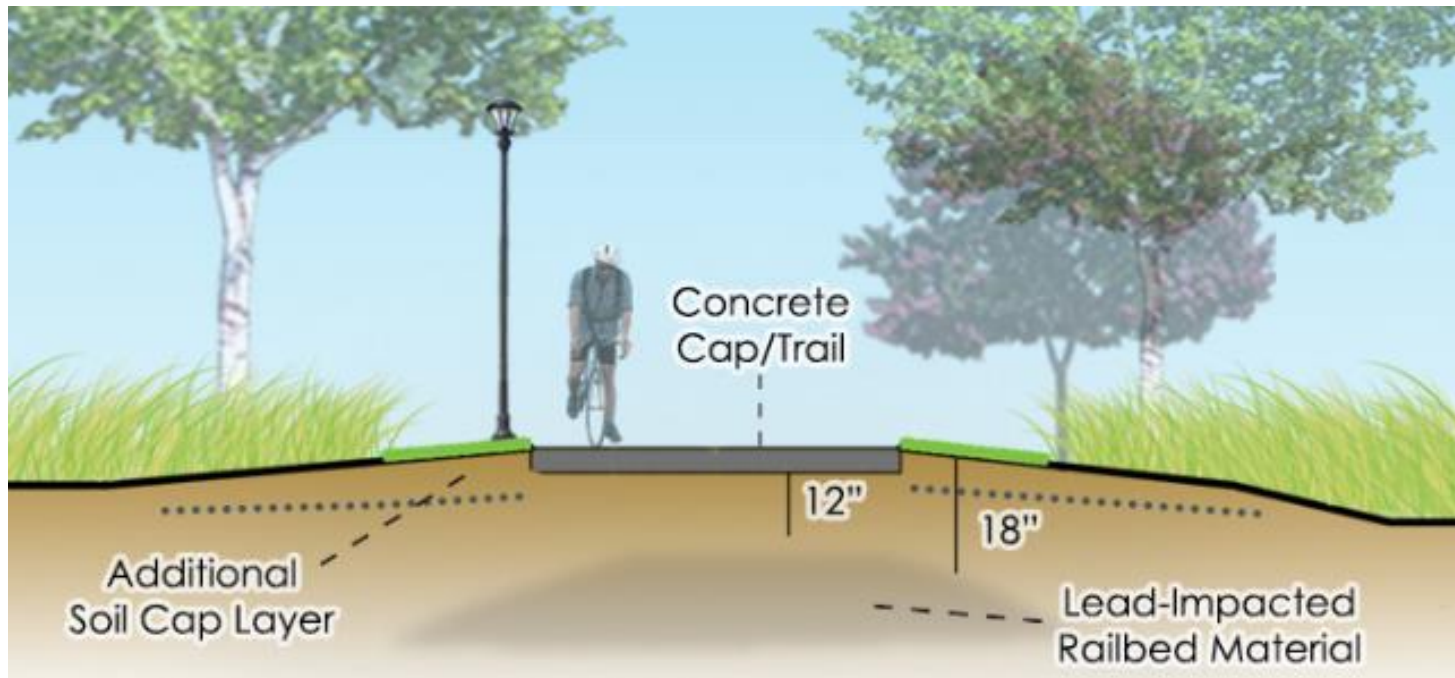
- Railroads historically – TPH, PCBs, metals
- In Coffeyville, Lead and Arsenic
- Potential land use and exposure scenarios



Contaminant Issue

- Lead and arsenic contamination greater than KDHE Tier 1 Residential and Non-Residential thresholds
- KDHE-funded additional investigation
(Targeted Brownfields Assessment Program)
- RCRA corrective action cleaned up the property – but not the former rail spur
- Contaminants are limited to former railbed ballast
(sandy gravel)

Engineered Cap



- Lead-containing railbed material is fully contained
- Direct exposure is eliminated
- No risk for public use

Current Status

- Brownfield Analysis of Cleanup Alternatives
awaiting approval
 - Investigation and identification of the extent of soil contaminants
 - Recommended cleanup alternative: Engineered Soil Cap
 - Design in process
- KDHE will oversee/administer the cleanup and trail construction (*Voluntary Cleanup Program*)
- Identification and assessment of additional former rail lines
 - Connection to currently-planned trail
 - Opportunity to connect parks with residential areas

Leveraging Funds

- Community Involvement
 - Community involvement
 - Added funding
 - Justification for continued growth
 - MySidewalk online outreach



Leveraging Funds

Brownfields – the Starting Point

- Community Planning (Grant)
- Assessment Program
- Cleanup Program



New Funding Opportunities

- KDOT Transportation Alternatives Program
- Sunflower Foundation Grant
- FHWA Recreational Trails Program (through KDOT and KDWPT)
- Private donations
- Community organizations





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Questions?

Contact Us!

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